Amendments to the Specification

Kindly amend the title at page 1 as follows:

System, Apparatus, and Method ~~and Apparatus for Setup and Configuration of~~ Configuring a General Network Appliance ~~for~~ to Have Access to a General Network ~~Access and Operation~~

Kindly amend the paragraph at page 1, lines 9-11, as follows:

This ~~patent~~ application is a ~~divisional~~ continuation of ~~co-pending application serial number~~ U.S. Application No. 09/733,777, filed ~~12/08/2000 titled METHOD AND APPARATUS FOR CONFIGURATION OF AN INTERNET APPLIANCE,~~ December 8, 2000, now ~~United States Patent~~ U.S. Patent No. 6,662,169 B2, which is a ~~divisional~~ continuation of ~~co-pending application serial number~~ U.S. Application No. 09/175,871, filed ~~10/19/1998 titled METHOD AND APPARATUS FOR CONFIGURATION OF AN INTERNET APPLIANCE,~~ October 19, 1998, now ~~United States Patent~~ U.S. Patent No. 6,161,133, each of which ~~are~~ is incorporated herein in ~~their~~ its entirety by reference.

Kindly amend the paragraph at page 2, lines 2-9, as follows:

The computer-simulated, or DNT systems, are familiar to those who use and understand computer systems. Perhaps the best example of DNT is telephone service provided over the Internet, which will be referred to herein as Internet Protocol Network Telephony (IPNT), by far the most extensive, but still a subset of DNT. DNT is a term

used to describe basically any type of packet switched network whether public or private. Examples of DNT networks include the public Internet, Intranets, private company owned wide area networks ~~(WAN's)~~ (WANs), and so on. These DNT networks may operate using several differing or combined protocol, but generally are supportive of DNT.

Kindly amend the paragraph at page 3, lines 12-24 as follows:

These Internet appliances are typically used connecting directly by COST phone line to the Internet through an Internet Service Provider (ISP). However, communication centers employing these devices may also be linked to sub-networks, including private networks that are linked to the Internet. In some situations, private individuals maintain such appliances in either stand-alone form or linked to their ~~PC's~~ PCs or other suitable servers, routers etc. Also, other media of linking to the Internet can be found, such as XDSL (X[=any type of] Digital Subscriber Line), power lines, cable modems, wireless networks, satellite networks, laser networks, fiber optic networks etc. Such Internet appliances typically contain at least some elements or aspects of a WEB browser and e-mail clients as well as data communication capability (telephony). Other Internet appliances are designed for recreational use such as WEB TV. However, due to an Internet connection, IPNT and e-mail capabilities are still possible with the appropriate software.

Kindly amend the paragraph at page 5, lines 8-17, as follows:

In another aspect of the invention an Internet appliance is provided, comprising a network connection port; and pre-programmed configuration routines, including a network destination address. Upon connection to the network and initiation by the ~~user~~ user, the appliance initiates, via the network destination address, a communication with a configuration server connected to the network, and interacts with compatible routines executing on the server to configure the appliance. In this embodiment the network may be a connection-type telephone network and the destination address is a telephone number. Also, the telephone number may be unique to the type of Internet appliance, and may be used by the server to launch appropriate routines to service the particular Internet appliance.

Kindly amend the paragraph at page 10, lines 16-26, as follows:

In set up of appliances, in many cases the user of the device will need an ISP. By using ANI, server 21 may locate several ISPs local to the user and make a suggestion to the user based in part on the ISP's contribution to service 9. Server 21 may then launch an appropriate ISP set-up application, and may also download and configure applications to the user's appliance such as e-mail programs, browser applications, and so on. Interactive voice response (IVR) techniques (not shown) may also be used to interact with users during set-up procedures wherein credit card numbers or user-created passwords or profile names are required. Set-up information including software and protocol drivers are delivered to a user via the dial-up connection (19, 17). In some

cases, server 21 may talk directly to a counterpart at the ISP and open the account for the ~~users~~ user's appliance 15.

Kindly amend the paragraph at page 11, lines 16-26, as follows:

The capability of service system 9 with respect to setting-up a user's Internet appliance such as appliance 15 is limited only by design. For example, complete configurations of virtually any Internet appliance may be performed largely transparent to the user provided that he or she has the appropriate hardware installed in the appliance and that the appliance is plugged in. In some cases wherein passwords are required or credit card information must be obtained, IVR technology may be used to interact with a user as previously described. IVR prompts may also be used when there is a selection or choice regarding a set-up procedure such as which ISP to use, or which network protocol option to configure to. Also, serving customers worldwide, may require ~~to~~ selectively ~~add~~ adding or ~~omit~~ omitting options to meet certain legal or customary requirements in some other countries or areas.

Kindly amend the paragraph at page 12, lines 25-29 through page 13, lines 1-8, as follows:

In step 37, a user plugs in a specific Internet appliance such as appliance 15 of FIG. 1, and insures that all hardware and connections are correct. In step 39, the user calls or the appliance dials after obtaining the ~~users~~ user's permission (not shown) a 1-800, a 1-900, or other specific dial-up number provided (typically by appliance vendor)

with the appliance purchased. The appliance is then connected to server 21 via normal path such as described with respect to FIG. 1. When server 21 establishes connection, interfacing software recognizes the DNIS number as a number specific to a model of appliance to be configured, and in some cases uses ANI to establish an identity and location of a client in step 41. If by chance a caller is attempting to set-up an Internet appliance at an unregistered number such as a hotel or airport lobby, then IVR technology may be used for the purpose of establishing identity and selecting setup routines. Such variables may be expected considering a wide range of Internet appliances and possible locations for access.

Kindly amend the paragraph at page 13, lines 13-21 as follows:

If it is required that passwords, profile names, credit card numbers or the like be obtained from a user during a set-up application such as application 29, then IVR or other interactive technology may be used to obtain the needed information in step 45, such as IVR style input, on screen questions, voice recognition etc. In certain other situations, it may be that a set-up application cannot ~~complete~~ be completed because an error is detected with a customer's hardware, such as a missing network card or the like. In this case, interfacing software is called to use IVR technology to inform the user of the problem. When the user fixes the problem, set-up and configuration may resume. Step 45 as an optional step, may be inserted at any required point after user connection in step 39.

Kindly amend the paragraph at page 13, lines 22-29 as follows:

After a ~~users~~ user's appliance is successfully set-up and configured via a set-up application such as one of applications 29 of FIG. 1, then a clear-for-operation signal may be issued to a user wherein the user may hang-up and begin using his appliance. In some embodiments, a test may be performed, such as transferring the user to a destination on the network the user is configured for. At the destination, the user may be congratulated or welcomed, and perhaps offered a new user instruction or tutorial. Perhaps, a transferred test destination will include additional offers presented by the vendor of the appliance, or the network provider of the network he is operating on.

Kindly amend the paragraph at page 14, lines 1-10 as follows:

It will be apparent to one with skill in the art that the process steps described above may vary widely according to desired implementation and rules governing participants such as vendor's, network provider's and the like without departing from the spirit and scope of the present invention. For example, ~~vendor's~~ vendors may be required to supply their own software for setting-up and configuring appliances with administrators of service-system 9 adding certain function and interfacing capability via interface software as is described in a preferred embodiment. In another embodiment, the developers of service-system 9 may provide all of the software routines for set-up and configuring appliances as well as interfacing with users, including set-up procedure in device 15.